



LOS ANGELES
OMAHA
GALVESTON

RECONNAISSANCE GEOLOGIC MAP OF THE COLUMBIA RIVER BASALT GROUP,
NORTHERN OREGON AND WESTERN IDAHO

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1981

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

Responsibility map
■ Taubeneck
● Swanson and Wright
○ Swanson
□ See Swanson and others (1979)

Geology mapped and compiled in 1977-80. Maps by the following geologists were consulted and extensively modified: Hampton and Brown (1964); Hogenson (1964); Kreile and others (1979); Newcomb (1965, 1967); Portland General Electric Co. (1974). Distribution of units older than Columbia River Basalt Group north from Walker (1973a) and Robinson (1975). Geology in Washington from Swanson and others (1979). Dike of Grande Ronde Basalt in canyon of N. Fork Umatilla River discovered by R. C. Dale (unpub. data).

PENITENTON OREGON WASHINGTON
1981
REVISED 1979

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

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